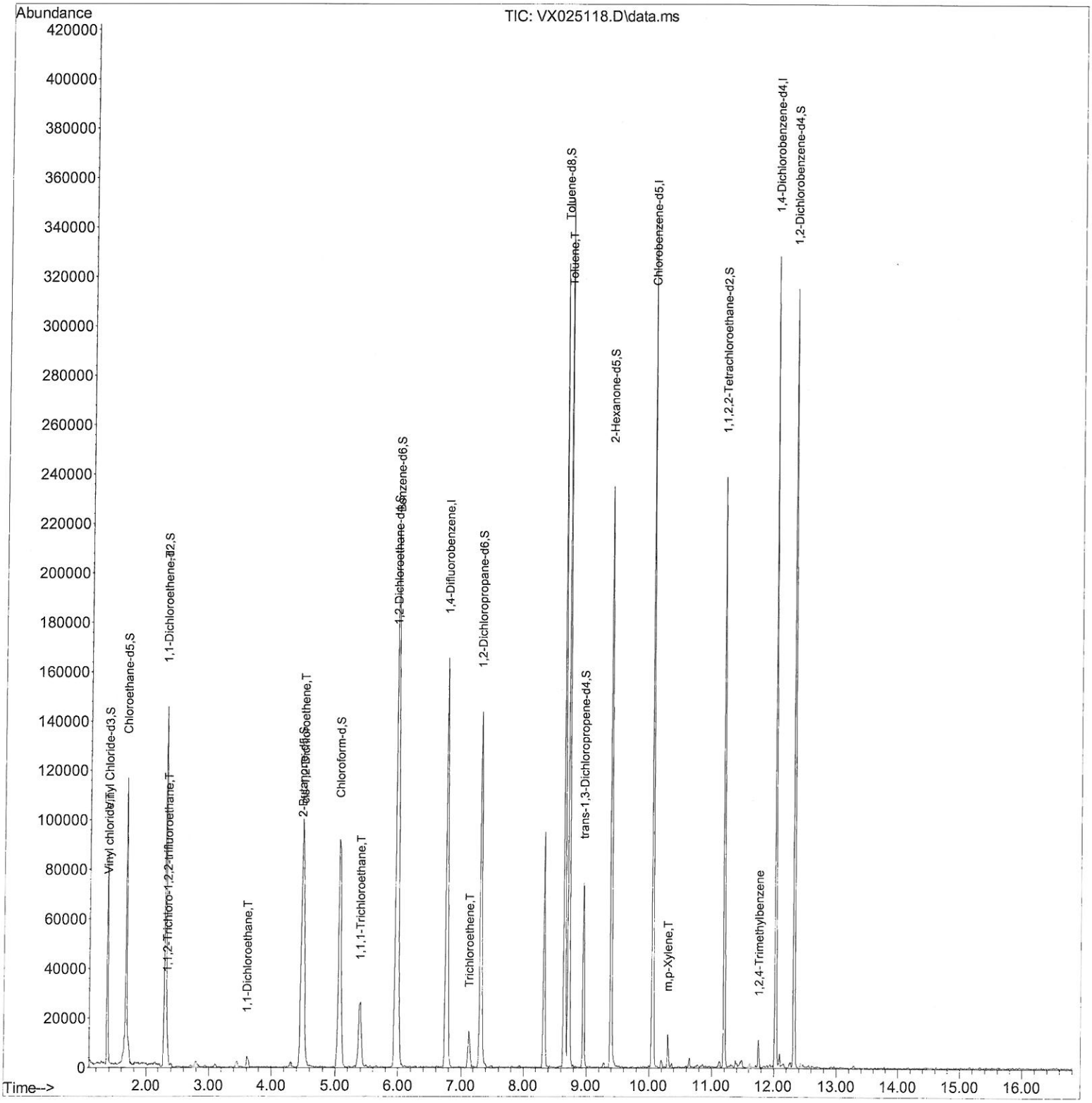
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025118.D
Acq On : 09 Nov 2021 13:48
Operator : JC/MD
Sample : M4464-05ME 10X
Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 10 02:52:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025118.D
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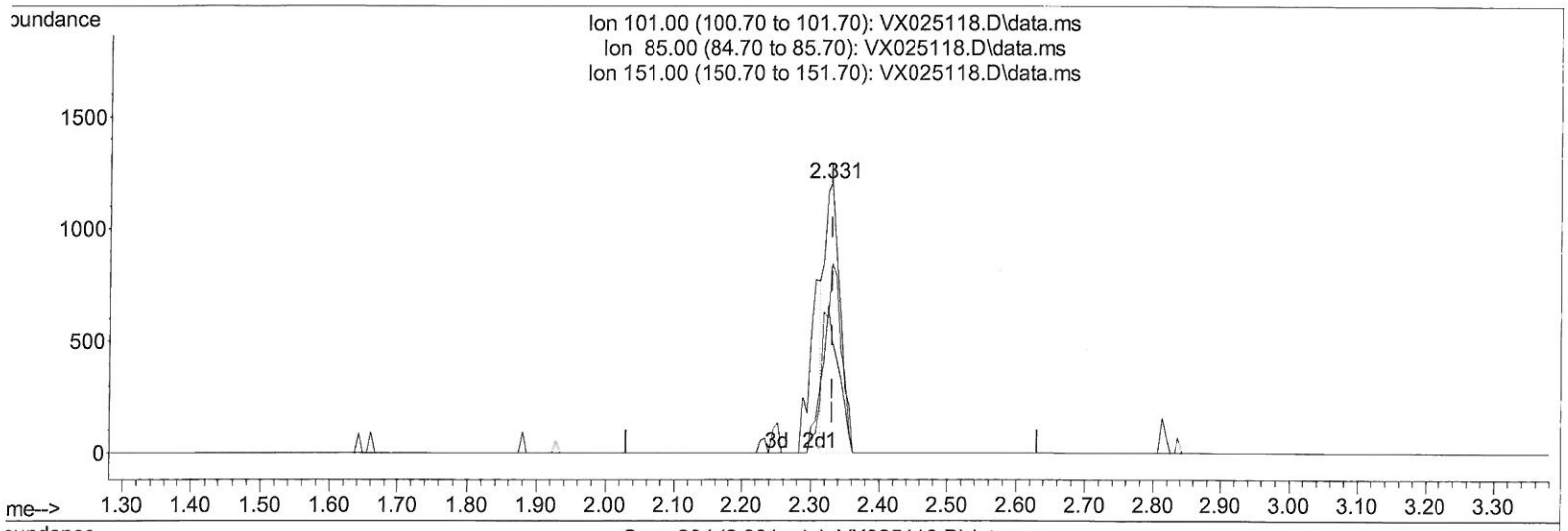

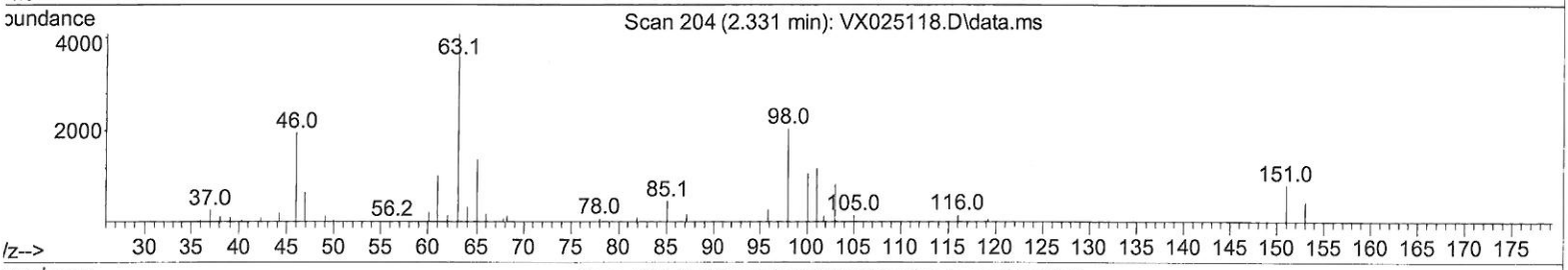

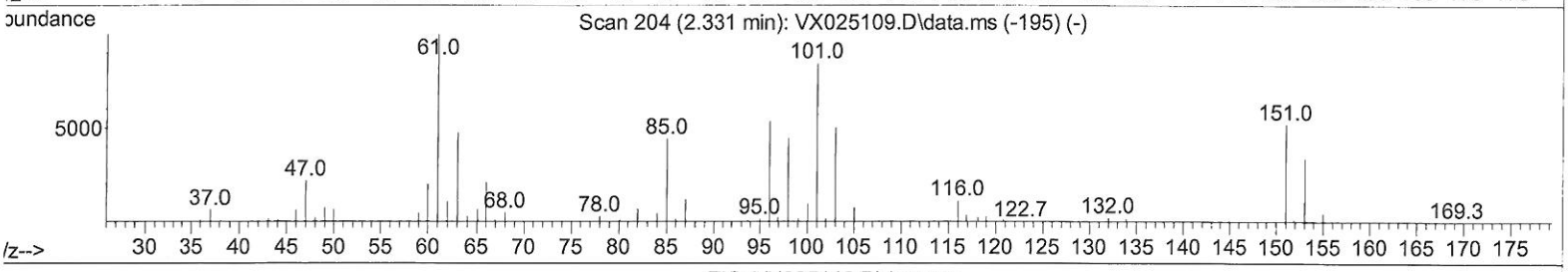

TIC: VX025118.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

2.331min (+ 0.000) 1.63 ug/L

response 1906

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.10	60.81#
151.00	77.90	79.96
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
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Operator : JC/MD
Sample : M4464-05ME 10X
Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 10 02:52:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
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Instrument :
MSVOA_X
ClientSampleId :
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Manual IntegrationsAPPROVED

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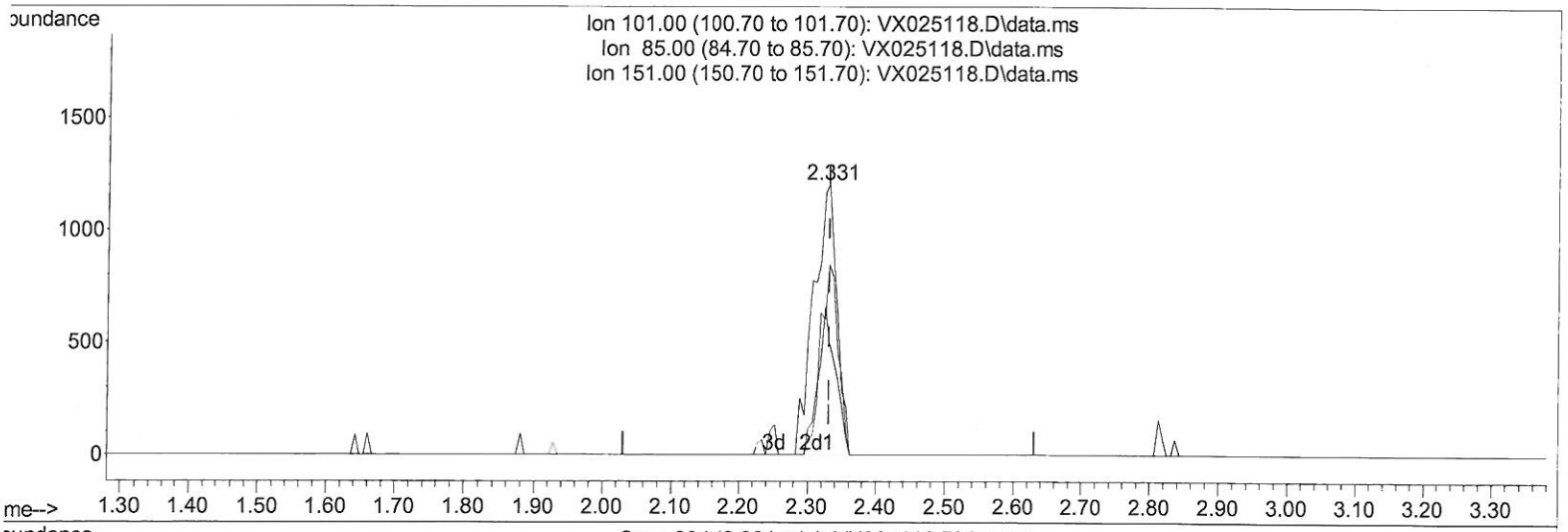

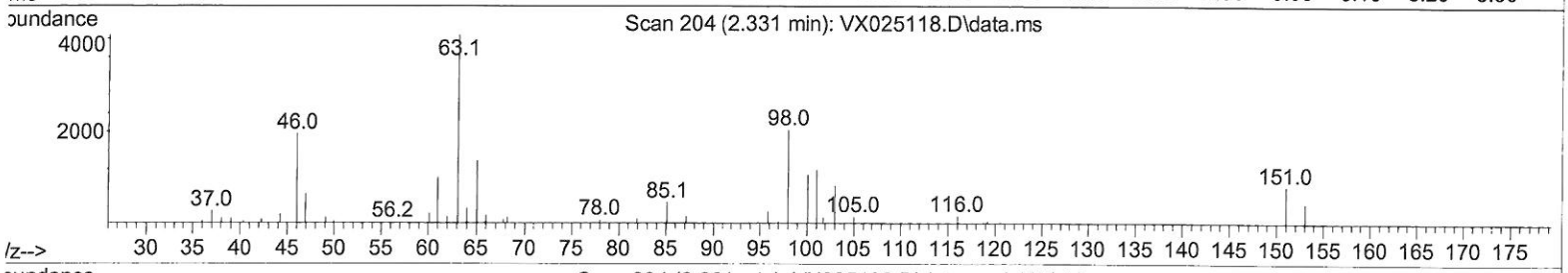

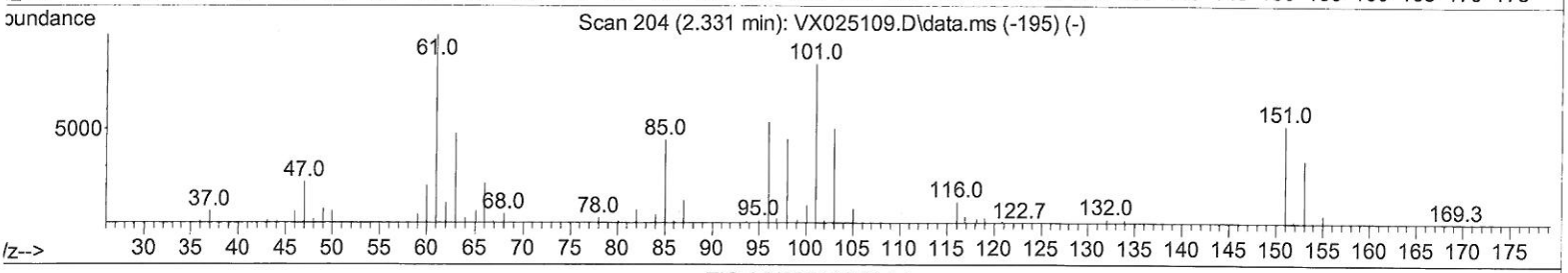

TIC: VX025118.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

2.331min (+ 0.000) 2.40 ug/L m 9 MD 11/10/21

response 2816

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.10	41.16
151.00	77.90	54.12#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
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Acq On : 09 Nov 2021 13:48
Operator : JC/MD
Sample : M4464-05ME 10X
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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	144428	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	130025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	51872	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52194	39.966	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.940%			
7) Chloroethane-d5	1.666	69	67033	81.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 163.740%#			
11) 1,1-Dichloroethene-d2	2.307	63	85042	33.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.620%			
21) 2-Butanone-d5	4.471	46	96995	108.068	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.070%			
24) Chloroform-d	5.062	84	112717	43.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.800%			
26) 1,2-Dichloroethane-d4	5.958	65	83631	49.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.580%			
32) Benzene-d6	5.983	84	189672	40.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.940%			
36) 1,2-Dichloropropane-d6	7.312	67	64579	47.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.680%			
41) Toluene-d8	8.653	98	172098	44.222	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.440%			
43) trans-1,3-Dichloroprop...	8.952	79	33510	46.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.040%			
47) 2-Hexanone-d5	9.391	63	66958	114.909	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.910%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	82147	43.503	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.000%			
66) 1,2-Dichlorobenzene-d4	12.323	152	49572	48.756	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.520%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1291	1.037	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2816m	2.402	ug/L	
12) 1,1-Dichloroethene	2.307	96	1346	1.305	ug/L #	1
19) 1,1-Dichloroethane	3.605	63	4525	2.070	ug/L #	88
20) cis-1,2-Dichloroethene	4.495	96	37198	30.687	ug/L	71
30) 1,1,1-Trichloroethane	5.391	97	24153	10.254	ug/L #	86
34) Trichloroethene	7.129	95	4944	3.967	ug/L	83
42) Toluene	8.720	91	205237	44.064	ug/L	98
53) m,p-Xylene	10.299	106	2697	1.481	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	4082	1.162	ug/L	89

? MD 11/10/21

(#) = qualifier out of range (m) = manual integration (+) = signals summed